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Transportation Summit: MICHIGAN PARTNERSHIPS

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Research and Evaluation

- Purpose of Applied/Practical Research
- State of Research & Evaluation
- Research Needs
- Research Topics

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Research and Evaluation

Purpose of Research

- Understand the Problem
- Decision Making
- Evaluate Decisions
- Transfer of Knowledge
- Professional Development

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Research and Evaluation

State of Research and Evaluation

- Challenging Times
- Loss of Experienced Staff
- Available Funding
- Perception of Need or Value of Research
- Applied/Practical Research Needed More than Ever

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Research and Evaluation

Research Needs

- Data
- Partnering (National, State, Local, Universities)
- Research Teams
- Technology
- Adequate/Stable Funding

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Research and Evaluation

Research Topics

- Traffic Congestion
- Mass Transit/Role of Light Rail Systems
- Multi-Modal
 - Just in Time Delivery
 - Automobile Supply Industry
 - Truck Safety
 - Future of Rail Freight

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Research and Evaluation

Research Topics

- Non-Motorized
 - Bicycle Safety
 - Pedestrian Safety
- Traffic Safety/FHWA Goals
 - Intersection Safety
 - Reduction of Run Off Road Crashes
 - Reduction of the Fatal Crash Rate to 1.0 MVMT

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Research and Evaluation

Research Topics

- Transportation Materials and Design
 - Pavement Design
 - Bridge Design
 - Freeway Design
 - Single Point Freeway Interchange Design
 - Goal of Providing Safe/Durable/Long lasting Facilities

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Research and Evaluation

QUESTIONS?

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